

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/581760.app.	US-PGPUB; USPAT	OR	OFF	2008/07/24 15:29
S2	10	bogdahn-thomas.in. ganz- oliver.in. hain-harald.in. emmert-eric.in.	US-PGPUB; USPAT	OR	OFF	2008/07/24 15:44
S3	1	bogdahn-thomas.in. ganz- oliver.in. hain-harald.in. emmert-eric.in.	US-PGPUB; USPAT	AND	OFF	2008/07/24 15:44
S4	125	65/378.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/24 15:44
S5	2	("4410344"   "6178778"). PN.	US-PGPUB; USPAT	OR	OFF	2008/07/24 15:45
S6	4	EP-598349-\$.did. DE- 10117153-\$.did. WO- 02081393-\$.did.	EPO; JPO; DERWENT	OR	OFF	2008/07/24 15:48
S7	10	EP-598349-\$.did. DE- 10117153-\$.did. WO- 02081393-\$.did. JP- 10231136-\$.did. JP- 10114536-\$.did. JP- 56088841-\$.did.	EPO; JPO; DERWENT	OR	OFF	2008/07/24 15:49
S8	16	EP-598349-\$.did. DE- 10117153-\$.did. WO- 02081393-\$.did. JP- 10231136-\$.did. JP- 10114536-\$.did. JP- 56088841-\$.did. DE- 19908623-\$.did. DE- 3625733-\$.did. JP- 07017736-\$.did.	EPO; JPO; DERWENT	OR	OFF	2008/07/24 15:50
S9	125	65/378.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S10	181	65/382.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S11	22	("2725847"   "2748886"   "4123242"   "4124728"   "4174842"   "4317666"   "4321072"   "4331463"). PN. OR ("4410344"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 14:09
S12	13	("4608071").PN. OR ("6178778").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 14:12

S13	174	(65/378.ccls. 65/382.ccls.) and position	US-PGPUB; USPAT	OR	OFF	2008/07/28 14:15
S14	42	(65/378.ccls. 65/382.ccls.) and position and deviation	US-PGPUB; USPAT	OR	OFF	2008/07/28 14:16
S15	85	glass and (cylinder or rod or tube) and position and deviation	EPO; JPO; DERWENT	OR	OFF	2008/07/28 14:56
S16	1	1986-039606.NRAN.	DERWENT	OR	OFF	2008/07/28 14:58
S17	1	"6938442".pn.	US-PGPUB; USPAT	OR	OFF	2008/07/29 10:08
S18	18	("2155131"   "2306995"   "3401028"   "4121920"   "4407667"   "4552576"   "4704151"   "5364432"   "5674306"   "5942019"   "6178778"   "6279353"   "6532776"   "6742363"). PN. OR ("6938442"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 10:09
S19	4	("6178778"   "6220057"   "6386001").PN. OR ("6742363").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 10:23
S20	1	09/522020.app.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 10:49
S21	1	"6098428".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/29 18:38
S22	167	65/377.ccls.	US-PGPUB; USPAT	OR	OFF	2008/07/30 10:26
S23	115	65/377.ccls. and position	US-PGPUB; USPAT	OR	OFF	2008/07/30 10:26
S24	25	65/377.ccls. and position and deviation	US-PGPUB; USPAT	OR	OFF	2008/07/30 10:26
S25	2	"6098428".pn. "6742363". pn.	US-PGPUB; USPAT	OR	OFF	2009/02/05 14:11
S26	33	"65".clas. and (mineral adj wool) and sand	US-PGPUB; USPAT	OR	OFF	2009/02/05 14:39
S27	19	"65".clas. and (mineral adj wool) and sand and diameter	US-PGPUB; USPAT	OR	OFF	2009/02/05 14:49
S28	2	"65".clas. and xy adj position	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:15
S29	2908	"65".clas. and (cylinder same position)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:16
S30	1694	"65".clas. and (cylinder same position) and draw \$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:16

S31	767	"65".clas. and (cylinder same position) and draw \$3 and (calculat\$3 or determin\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:17
S32	182	(65/378.ccls. 65/382.ccls.) and position	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:17
S33	165	(65/378.ccls. 65/382.ccls.) and position and measur \$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:18
S34	142	(65/378.ccls. 65/382.ccls.) and position and measur \$3 and draw\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:19
S35	109	"65".clas. and (xy or x?y or x adj y) with position	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 14:30
S36	2	JP-10231136-\$.did.	EPO; JPO; DERWENT	OR	OFF	2009/11/03 14:39
S37	2	JP-56088841-\$.did.	EPO; JPO; DERWENT	OR	OFF	2009/11/03 14:40
S38	19	("4317666"   "4343637"   "4692615").PN. OR ("5079433").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/03 15:36
S39	4	JP-04275937-\$.did. JP-04275938-\$.did.	EPO; JPO; DERWENT	OR	OFF	2009/11/05 11:43
S40	1	1992-376614.NRAN.	DERWENT	OR	OFF	2009/11/05 11:43
S41	190	65/382.ccls.	US-PGPUB; USPAT	OR	OFF	2010/11/15 14:05
S42	1	65/377-384.ccls. and lopsided\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:11
S43	0	65/377-384.ccls. and leaning	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:12
S44	39	65/377-384.ccls. and asymmetr\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:12
S45	1	65/377-384.ccls. and one? sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:18
S46	1	65/377-384.ccls. and one adj sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:21
S47	1	65/484-491.ccls. and lopsided\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:21
S48	0	65/484-491.ccls. and leaning	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:21
S49	20	65/484-491.ccls. and asymmetr\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:22
S50	10	65/484-491.ccls. and asymmetr\$5 NOT S44	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:22
S51	1	65/484-491.ccls. and one? sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:23

S52	1	65/484-491.ccls. and one adj sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:23
S53	0	65/29.13.ccls. and lopsided\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:25
S54	0	65/29.12.ccls. and lopsided\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:25
S55	0	65/29.12.ccls. and leaning	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:25
S56	5	65/29.12.ccls. and asymmetr\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:25
S57	0	65/29.12.ccls. and one? sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:26
S58	0	65/29.12.ccls. and one adj sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:26
S59	0	65/29.14.ccls. and lopsided\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:26
S60	0	65/29.14.ccls. and leaning	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:26
S61	1	65/29.14.ccls. and asymmetr\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:27
S62	0	65/29.14.ccls. and one? sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:27
S63	0	65/29.14.ccls. and one adj sidedness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/15 14:27
S64	4	65/29.14.ccls. and eccentricity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:23
S65	16	65/382.ccls. and eccentricity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:24
S66	8	65/378.ccls. and eccentricity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:25
S67	5	65/377.ccls. and eccentricity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:25
S68	27	65/377-384.ccls. and eccentricity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:26
S69	16	65/484-491.ccls. and eccentricity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:28
S70	9	"6,314,765" "5,942,019"	US-PGPUB; USPAT	OR	OFF	2010/11/19 12:04
S71	4	"6314765".pn. "5942019".pn. "6715317".pn. "4331463".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/19 12:04
S72	11	65/377-384.ccls. and roundness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 12:50

S73	18	("4247319"   "4280829"   "4331463"   "4390897"   "4477273"   "4816050"   "4952226"   "4957526"   "4973343"   "5030266"   "5192350"   "5208645"   "5221306"   "5237383"   "5558692"   "5968221"   "6123067"). PN. OR ("6314765"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 12:52
S74	7	("3652248"   "3879182"   "4123242"   "4793840"   "5073179"   "5079433"). PN. OR ("6715317"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 12:53
S75	12	65/377-388.ccls. and roundness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 12:56
S76	29	65/377-388.ccls. and circularity	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 12:56
S77	227	65/377-388.ccls. and alignment	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 13:06
S78	36	65/377-388.ccls. and alignment and pulling	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 13:06
S79	56	65/377-388.ccls. and centering	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 13:07
S80	50	65/377-388.ccls. and wall adj thickness	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 13:08
S81	88	65/377-388.ccls. and outer near diameter and inner near diameter	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 13:09
S82	23	65/377-388.ccls. and ovality	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/19 13:11
S83	0	("2007/0125127"). URPN.	USPAT	OR	OFF	2010/11/19 13:15
S84	6	("4312653"   "4486214"   "5298047"   "5221306"   "6094941"   "6209354"). PN.	USPAT	OR	OFF	2010/11/19 13:16

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	49	@ay> = "2004" and 65/29.12 ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:39
L3	70	@ay> = "2004" and 65/29.12-29.14.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:42

L4	292	@ay> = "2004" and 65/377-388.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:43
L5	63	@ay> = "2004" and 65/484-491.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:44
L6	250	@ay> = "2004" and 65/377-388.ccls. NOT L3 NOT L5	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:44
L7	69	@ay> = "2004" and "65". clas. and (lopsidedness or eccentricity or ovality or circularity or roundness)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:49
L8	0	@ay> = "2004" and "65". clas. and (xy?direction)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:49
L9	4	@ay> = "2004" and "65". clas. and (xy adj direction)	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:49
L10	14	@ay> = "2004" and "65". clas. and (lopsidedness or eccentricity or ovality or circularity or roundness).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:51
L11	6	@ay> = "2004" and "65". clas. and (xy).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 16:51

11/ 19/ 2010 5:05:48 PM

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